

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete If Known	
				Application Number	09/770,340 10/666,416
				Filing Date	January 26, 2001 September 19, 2003
				First Named Inventor	Kosaraju Krishna MOHAN
				Group Art Unit	1772
				Examiner Name	Chris Bruenjes
Sheet	1	of	5	Attorney Docket No.	54821.02

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
CB		3,293,114	D. Kenaga, et al.	12/20/1966	—
CB		3,357,322	L. D. Gill	01/12/1965	—
CB		3,468,467	S. W. Amberg	09/23/1969	—
CB		3,556,934	F. Meyer	01/19/1971	—
CB		3,615,972	D. Morehouse, et al.	10/26/1971	—
CB		3,779,951	R. Streu	12/18/1973	—
CB		3,785,254	Robert H. Mann	01/15/1974	—
CB		3,941,634	H. Nisser, et al.	03/02/1976	—
CB		4,051,277	R. M. Wilkinson	09/27/1977	—
CB		4,133,688	W. H. Sack	01/09/1979	—
CB		4,233,325	G. Slangan	11/11/1980	—

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		Office <sup>2</sup>	Number <sup>3</sup>				

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				Application Number	<del>09/770,340</del> 10/666,416
				Filing Date	<del>January 26, 2001</del> September 19, 2003
				First Named Inventor	Kosaraju Krishna MOHAN
				Group Art Unit	772
				Examiner Name	Chris Bruenjes
Sheet	2	of	5	Attorney Docket No.	54821.P1 D1

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CB		4,237,171	Fred C. Laage	12/02/1980	—
CB		4,241,125	R. G. Canning	12/23/1980	—
CB		4,435,344	A. Iioka	03/06/1984	—
CB		4,451,585	B. Andersson	05/29/1984	—
CB		4,483,889	B. Andersson	11/20/1984	—
CB		4,548,349	R. Tunberg	10/22/1985	—
CB		4,581,285	E. Mahefkey, Jr.	04/08/1986	—
CB		4,617,223	D. F. Hiscock	10/14/1986	—
CB		4,619,734	I. Andersson	10/28/1986	—
CB		4,777,930	M. E. Hartz	10/18/1988	—
CB		4,781,243	N. DeVogel	11/01/1988	—
CB		4,836,400	W. Chaffey, et al.	06/06/1989	—

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				Application Number	09/770,340-10/666,416
				Filing Date	<del>January 26, 2001</del> September 19, 2003
				First Named Inventor	Kosaraju Krishna MOHAN
				Group Art Unit	1772
Examiner Name	Chris Bruenjes				
Sheet	3	of	5	Attorney Docket No.	54821.P102

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
CB		4,898,752	G. A. Cavagna	02/06/1990	—
CB		4,902,722	G. E. Melber	02/20/1990	—
CB		4,946,737	C. M. Lindeman, et al.	08/07/1990	—
CB		4,982,722	W. Burk Wyatt	01/08/1991	—
CB		5,092,485	T. T. Lee	03/03/1992	—
CB		5,096,650	D. J. Renna	03/17/1992	—
CB		5,125,996	B. C. Campbell, et al.	06/30/1992	—
CB		5,145,107	V. K. Silver	09/08/1992	—
CB		5,226,585	R. Varano	07/13/1993	—
CB		5,363,982	C. E. Sadlier	11/15/1994	—
CB		5,370,814	I. O. Salyer	12/06/1994	—
CB		5,424,519	G. Salee	06/13/1995	—

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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of 5

## Complete If Known

Application Number	09/770,348 10/666,416
Filing Date	<del>January 26, 2001</del> September 19, 2003
First Named Inventor	Kosaraju Krishna MOHAN
Group Art Unit	1772
Examiner Name	Chris Bruenjes
Attorney Docket No.	54821-PID2

## U.S. PATENT DOCUMENTS

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CB		5,454,471	J. Norvell	10/03/1995	—
CB		5,477,917	I. Salyer	12/26/1995	—
CB		5,478,988	T. E. Hughes, et al.	12/26/1995	—
CB		5,490,631	A. Iioka	02/13/1996	—
CB		5,499,460	Y. G. Bryant	03/19/1996	—
CB		5,520,103	D. Zielinski, et al.	05/28/1996	—
CB		5,601,744	Wayne D. Baldwin	02/11/1997	—
CB		5,637,389	David Colvin, et al.	06/10/1997	—
CB		5,705,242	P. J. Andersen	01/06/1998	—
CB		5,759,624	Douglas Neale, et al.	06/02/1988	—
CB		5,792,398	Bengt Andersson	08/11/1998	—
CB		5,880,435	William M. Bostic	03/09/1999	—
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		Office <sup>2</sup>	Number <sup>3</sup>				

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		Tappi/ May 1972, Vol. 55, No. 5, pg. 770-771	
		Tappi/ December 1973, Vol. 56, No. 12, Pg. 158-160	
		"The Use of Microspheres to Improve Paper Properties", by Soderberg, Paper Technology, August 1989, pgs. VIII/17-VII/21	

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		Application Number	09/770,340 10/666,416		
		Filing Date	January 26, 2001 September 19, 2003		
		First Named Inventor	K. Mohan, et al.		
		Group Art Unit	1772		
Examiner Name	Chris Bruenjes				
Sheet	5	of	5	Attorney Docket No.	54821. #1 D2

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		"XPANCEL®", An Introduction, a publication from Expancel, Box 13000, S0-850 13 Sundsvall, SWEDEN	
		"The Application of Microspheres for the Production of High Bulk Papers", by M. Baumeister, Das Papier, Vol. 26, no. 10A: 716-720 (1972)	
		"Microspheres find use as fiber replacement in low-density board", by David O. Bowen, Pulp & Paper November 1976, pg. 126-127	
		EXPANCEL® Expandable Microspheres in Paper and Board, by Mark Lunabba, KemaNord Plast AB, Sector Microspheres, Box 13000, S-850 13 Sundsvall, SWEDEN	
		"Expandable Microspheres in Board", World Pulp & Paper Technology, pgs. 143-145	
		"Foams on the Cutting Edge", by Ray Erikson, January 1999	

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete If Known**

Application Number	09/770,340 10/666,416
Filing Date	January 26, 2001 September 19, 2003
First Named Inventor	Kosaraju Krishna MOHAN
Group Art Unit	1772
Examiner Name	Chris Bruenjes
Attorney Docket No.	54821.P102

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CB		3,819,470	Shaw, et al.	06-25-1974	—
CB		4,179,546	Garner, et al.	12-18-1979	—
CB		4,324,753	Gill	04-13-1982	—
CB		4,988,478	Held	01-29-1991	—
CB		5,800,676	Koike, et al.	09-01-1998	—
CB		6,379,497	Sandstrom, et al.	04-30-2002	—

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		Filing Date	<del>January 26, 2001</del> June 7, 2001 September 19, 2001		
		First Named Inventor	Kosaraju Krishna MOHAN		
		Group Art Unit	1772		
		Examiner Name	Chris Bruenjes		
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		JA	2669767	Oji Paper Co.	1997		

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